



AMENDMENT

Kindly amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows.

IN THE CLAIMS:

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows:

E1
7. (Four Times Amended) A set of isolated nucleic acid molecules, wherein each member of the set comprises at least 10 contiguous nucleotides of a sequence represented by SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, or SEQ ID NO: 10 or the complement of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, or SEQ ID NO: 10, wherein the set consists essentially of one or more of said members, and wherein the set is used in nucleic acid hybridisation or amplification to detect all representatives of *Salmonella enterica* subsp. *enterica*, *salamae*, *arizonae*, *diarizonae*, *houtenae*, *bongori* and *indica*.

10. (Four Times Amended) The set of isolated nucleic acid molecules according to claim 7, wherein each sequence contains 10 to 250 nucleotides.

E2
11. (Thrice Amended) The set of isolated nucleic acid molecules according to claim 7, wherein each member of the set is single-stranded or has a complementary strand.

12. (Four Times Amended) The set of isolated nucleic acid molecules according to claim 7, wherein the sequence is present
(i) as DNA, or
(ii) as RNA corresponding to (i), or
(iii) as PNA.

E3
16. (Thrice Amended) The kit according to claim 48, wherein the isolated nucleic acid molecules were produced synthetically and in at least two separate synthesis batches.

24. (Twice Amended) The set of isolated nucleic acid molecules according to claim 7, wherein one or more members of the set is modified or labelled.

E4
25. (Twice Amended) The set of isolated nucleic acid molecules according to claim 24[14], wherein one or more members of the set are modified or labelled with one or more radioactive groups, coloured groups, fluorescent groups, groups for immobilisation on a solid phase, or groups for an indirect or direct enzyme reaction.

26. (Twice Amended) The set of isolated nucleic acid molecules according to claim 7, wherein said isolated nucleic acid molecules are modified or labelled with one or more radioactive groups, coloured groups, fluorescent groups, groups for immobilisation on a solid phase, or groups for an indirect or direct reaction using antibodies, antigens, enzymes or substances having an affinity for enzymes or enzyme complexes.

28. (Amended) A set of isolated nucleic acid molecules, wherein each member of the set comprises at least 10 contiguous nucleotides of a sequence represented by SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 or SEQ ID NO: 10 or the complement of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 or SEQ ID NO: 10, wherein the set consists essentially of one or more of said members, and wherein the set is used in nucleic acid hybridisation or amplification to detect all representatives of *Salmonella enterica* subsp. *enterica*, *salamae*, *arizonae*, *diarizonae*, *houtenae*, *bongori* and *indica*.

29. (Amended) The set of isolated nucleic acid molecules according to claim 28, wherein each sequence contains 10 to 250 nucleotides.

30. (Amended) The set of isolated nucleic acid molecules according to claim 28, wherein each sequence contains 15 to 30 nucleotides.

31. (Amended) The set of isolated nucleic acid molecules according to claim 28, wherein each member of the set is single-stranded or has a complementary strand.

32. (Amended) A set of isolated nucleic acid molecules, wherein each member of the set comprises at least 10 contiguous nucleotides of a sequence represented by SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 8 or SEQ ID NO: 10 or the complement of SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 8 or SEQ ID NO: 10, wherein the set consists essentially of one or more of said members, and wherein the set is used in nucleic acid hybridisation or amplification to detect all representatives of *Salmonella enterica* subsp. *enterica*, *salamae*, *arizonae*, *diarizonae*, *houtenae*, *bongori* and *indica*.

33. (Amended) The set of isolated nucleic acid molecules according to claim 32, wherein each sequence contains 10 to 250 nucleotides.

34. (Amended) The set of isolated nucleic acid molecules according to claim 32, wherein each sequence contains 15 to 30 nucleotides.

35. (Amended) The set of isolated nucleic acid molecules according to claim 32, wherein each member of the set is single-stranded or has a complementary strand.

36. (Amended) A set of isolated nucleic acid molecules consisting essentially of one or more of the sequences represented by SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 or SEQ ID NO: 10 or the complement of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 or SEQ ID NO: 10, wherein the set is used in nucleic acid hybridisation or amplification to detect all representatives of *Salmonella enterica* subsp. *enterica*, *salamae*, *arizonae*, *diarizonae*, *houtenae*, *bongori* and *indica*.

37. (Amended) The set of isolated nucleic acid molecules according to claim 36, wherein each sequence contains 10 to 250 nucleotides.

38. (Amended) The set of isolated nucleic acid molecules according to claim 36, wherein each sequence contains 15 to 30 nucleotides.

39. (Amended) The set of isolated nucleic acid molecules according to claim 36, wherein each member of the set is single-stranded or has a complementary strand.

40. (Amended) A set of isolated nucleic acid molecules consisting essentially of one or more of the sequences represented by SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 8 or SEQ ID NO: 10 or the complement of SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 8 or SEQ ID NO: 10, wherein the set is used in nucleic acid hybridisation or amplification to detect all representatives of *Salmonella enterica* subsp. *enterica*, *salamae*, *arizonae*, *diarizonae*, *houtenae*, *bongori* and *indica*.

41. (Amended) The set of isolated nucleic acid molecules according to claim 40, wherein each sequence contains 10 to 250 nucleotides.

42. (Amended) The set of isolated nucleic acid molecules according to claim 40, wherein each sequence contains 15 to 30 nucleotides.

43. (Amended) The set of isolated nucleic acid molecules according to claim 40, wherein each member of the set is single-stranded or has a complementary strand.

48. (Amended) A kit comprising: (i) one or more isolated nucleic acid molecules selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 and SEQ ID NO: 10 and the complement of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO:

4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9 and SEQ ID
NO: 10, and (ii) optionally substances for analytical detection processes.

Please cancel claims 13, 14 and 44-47 without prejudice, without admission, without
surrender of subject matter, and without any intention of creating any estoppel as to equivalents.